MAJORIS DT157X - 8106

High Crystallinity Polypropylene

AD majoris

Message:

MAJORIS DT157X - 8106 is a high performance reinforced polypropylene high crystallinity compound intended for injection moulding.

The product is available in natural, but other colours can be provided on request.

MAJORIS DT157X - 8106 has been developed especially for demanding automotive applications and various engineering sectors.

MAJORIS DT157X - 8106 has high rigidity, good dimensional stability, very good stiffness and UV stabilised.

APPLICATIONS

Product requiring high overall mechanical performance such as:

Electrical tool and appliance components

Automotive parts

Miscellaneous technical items

Features Good dimensional stability Rigidity, high Rigid, good High crystallization Good UV resistance Recyclable materials	General Information					
Rigidity, high Rigid, good High crystallization Good UV resistance Recyclable materials Uses Electrical/Electronic Applications Power/other tools Home appliance components Application in Automobile Field Appearance Available colors Natural color Forms Processing Method Injection molding Physical Nominal Value Unit Test Method Pensity Ke) 6.0 9/10 min 150 1133 Molding Shrinkage (2.00 mm) 1.3 - 1.7 % Internal method Mechanical Nominal Value Unit Test Method Tensile Stress (Yield) 42.0 MPa 150 178 Impact Nominal Value Unit Test Method Test Method	Additive	UV stabilizer				
Rigid, good High crystallization Good UV resistance Recyclable materials Uses Electrical/Electronic Applications Power/other tools Home appliance components Application in Automobile Field Appearance Available colors Natural color Forms Particle Processing Method Injection molding Physical Nominal Value Unit Test Method Density 1.01 0.09 0.09 0.00 0.00 0.00 0.00 0.00	Features	Good dimensional stability				
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Flexural Modulus 2800 MPa ISO 178 Impact Nominal Value Unit Test Method	Mechanical	Nominal Value	Unit	Test Method		
Impact Nominal Value Unit Test Method	Tensile Stress (Yield)	42.0	MPa	ISO 527-2/50		
	Flexural Modulus	2800	MPa	ISO 178		
Charpy Notched Impact Strength (23°C) 2.0 kJ/m² ISO 179/1eA	Impact	Nominal Value	Unit	Test Method		
	Charpy Notched Impact Strength (23°C)	2.0	kJ/m²	ISO 179/1eA		

Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa,			
Unannealed)	149	°C	ISO 75-2/B
Flammability	Nominal Value	Unit	Test Method
Flame Rating	НВ		UL 94
Glow Wire Flammability Index (2.00 mm)	750	°C	IEC 60695-2-12
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	220 - 260	°C	
Mold Temperature	30.0 - 50.0	°C	
Injection Rate	Moderate		
Injection instructions			

Holding pressure: 50 to 70% of the injection pressure

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519 Phone: +86 13424755533 Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

